

# Exascale: Industry Perspective

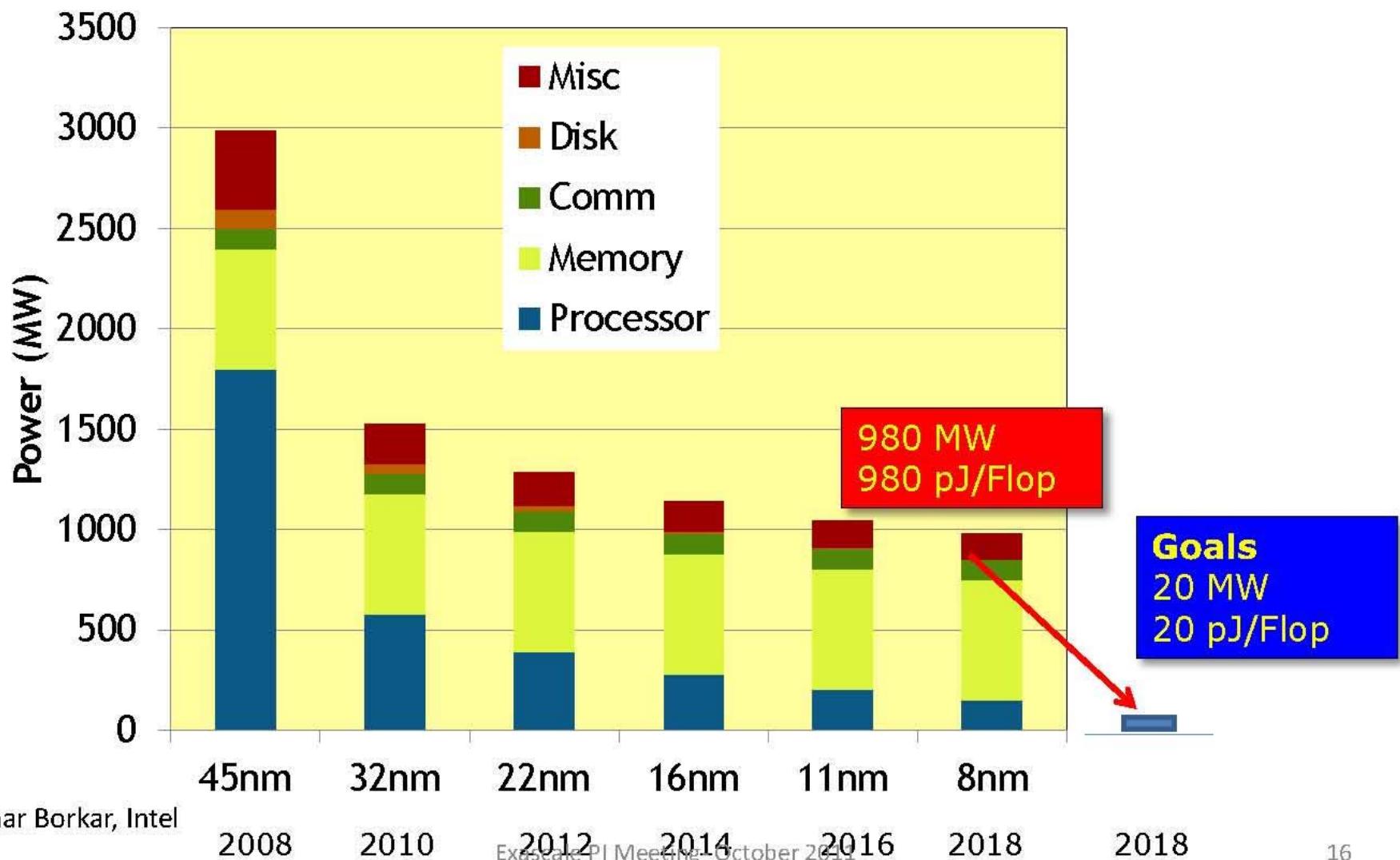
Wilfred Pinfold  
Director, Extreme Scale Programs



U.S. DEPARTMENT OF  
**ENERGY**

Office of Science

# Peak Exascale Machine Power



Shekhar Borkar, Intel

2008

2010

2012

2014

2016

2018

2018

Exascale PI Meeting - October 2014

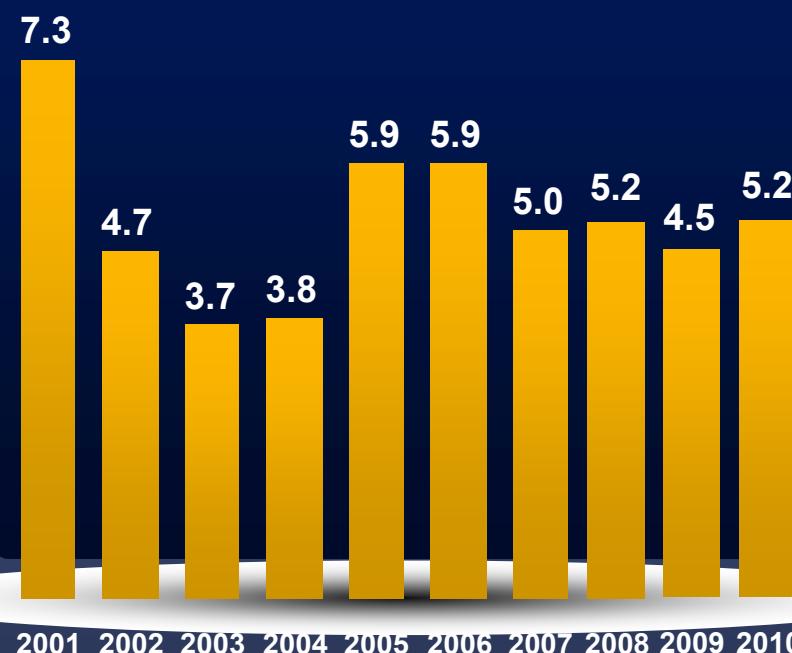
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# Intel Research and Development

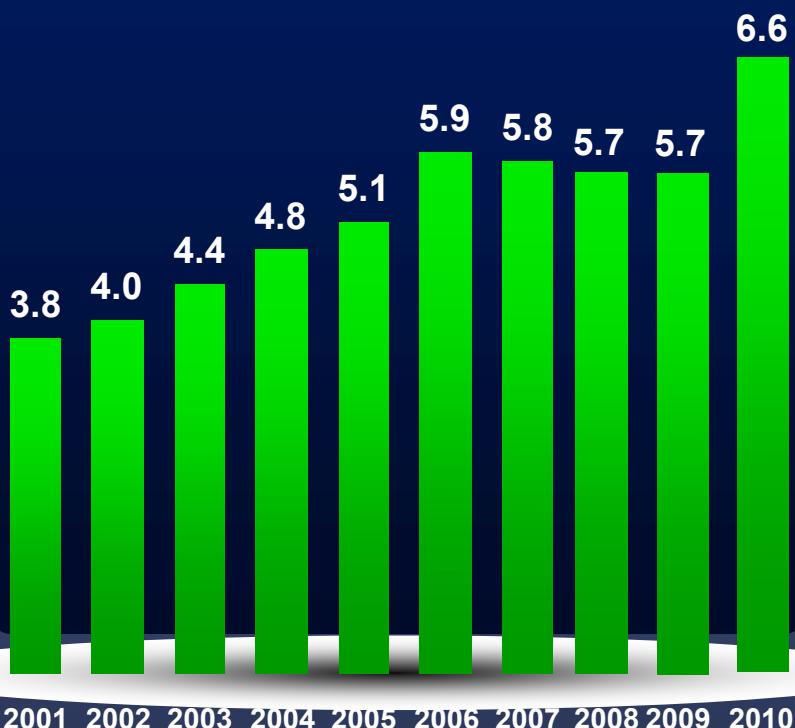
**10 year total = \$51.2B**

## Capital Additions to Property, Plant and Equipment (Dollars in Billions)



**10 year total = \$51.8B**

## Research and Development (Dollars in Billions)



# Intel Extreme Scale Research

